Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008900.D
Acq On : 10 Dec 2019 11:26
Operator : JU
Sample : PB124746BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB124746BS

Manual Integrations APPROVED
mohammad
12/11/2019 12:32:02 PM

Quant Time: Dec 10 15:15:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2832	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	12172	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	8743	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	20580	0.40	ng		0.00
27) Chrysene-d12	21.13	240	20880	0.40	ng		0.00
34) Perylene-d12	23.28	264	21916	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2899	0.40	ng		0.00
5) Phenol-d6	6.75	99	4012	0.40	ng		0.00
8) Nitrobenzene-d5	8.69	82	4036	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	8704	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1600	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	13539	0.41	ng		0.00
25) Fluoranthene-d10	18.97	212	24402	0.39	ng		0.00
29) Terphenyl-d14	19.58	244	19398	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	1198	0.451	ng		95
3) n-Nitrosodimethylamine	3.51	42	1382	0.377	ng	#	96
6) bis(2-Chloroethyl)ether	7.00	93	3968	0.423	ng		99
9) Naphthalene	10.37	128	13977	0.421	ng		100
10) Hexachlorobutadiene	10.67	225	2642	0.416	ng	#	100
12) 2-Methylnaphthalene	11.99	142	10469	0.423	ng		99
16) Acenaphthylene	13.90	152	16497	0.413	ng		100
17) Acenaphthene	14.25	154	11187	0.421	ng		99
18) Fluorene	15.24	166	15066	0.422	ng		100
20) 4-Bromophenyl-phenylether	16.14	248	4949	0.402	ng		99
21) Hexachlorobenzene	16.25	284	5558	0.396	ng		99
22) Pentachlorophenol	16.59	266	1830	0.362	ng		99
23) Phenanthrene	16.97	178	26387	0.407	ng		100
24) Anthracene	17.06	178	22623	0.397	ng		99
26) Fluoranthene	19.00	202	30854	0.400	ng		100
28) Pyrene	19.36	202	31316	0.428	ng		100
30) Benzo(a)anthracene	21.12	228	30786	0.416	ng		99
31) Chrysene	21.17	228	32362	0.422	ng		99
32) Bis(2-ethylhexyl)phthalate	21.08	149	12705	0.367	ng		100
33) Indeno(1,2,3-cd)pyrene	25.39	276	35096	0.432	ng		98
35) Benzo(b)fluoranthene	22.65	252	32652	0.416	ng		99
36) Benzo(k)fluoranthene	22.69	252	34114m	0.432	ng		
37) Benzo(a)pyrene	23.19	252	29417	0.417	ng		100
38) Dibenzo(a,h)anthracene	25.41	278	28185	0.426	ng		100
39) Benzo(g,h,i)perylene	26.03	276	27652	0.424	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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